tional Application No PCT/IB2004/002305

A. CLAS	SIFICATIO	N OF SI	UBJECT	MATTER
TPC 7	" " " " " " " " " " " " " " " " " " " "	ከবስፍ	/12	

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

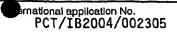
Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

	ata base consulted during the International search (name of data ternal, CHEM ABS Data, BEILSTEIN D		350)	
C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the	relevant passages	Relevant to claim No.	
X	US 5 902 886 A (SCHICK HANS ET 11 May 1999 (1999-05-11) the whole document example 3	1-24,34		
Α	WO 02/32850 A (MULLINS JOHN JAS 25 April 2002 (2002-04-25) the whole document	SON GENTRY)	1-24	
		-/		
X Fur	ther documents are listed in the continuation of box C.	Patent family members are lis	sted in annex.	
"A" document defining the general state of the art which is not considered to be of particular relevance		<ul> <li>*T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>*&amp;* document member of the same patent family</li> </ul>		
Date of the	e actual completion of the international search	Date of mailing of the international	•	
	24 January 2005	Ŋ <sub>.</sub> O. 02. 2	D05	
Name and	d mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Deutsch, W		

Intentional Application No PCT/IB2004/002305

Relevant to claim No.
1-24
25-34
25-34
25-34
25-33
34



Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This Internation al Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Claims Nos.:     because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)
This internation al Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
1. X As all required additional search fees were timely paid by the applicant, this International Search Report covers all search able claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the dalms; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  X  No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-24

Subject matter related to the preparation of compounds of formula (I)

2. claims: 25-33

Subject matter related to the preparation of compounds of formula  $\mbox{\bf V}$ 

3. claim: Claim 34

Subject matter related to the products of claim 34

iformation on patent family members

Internal Application No PCI/IB2004/002305

	,		PCT/IB2004/002305		
Patent document clted in search report		Publication date		Patent family member(s)	Publication date
US 5902886	Α	11-05-1999	DE AT DE EP	19703713 A1 216376 T 59803805 D1 0855395 A1	30-07-1998 15-05-2002 23-05-2002 29-07-1998
WO 0232850	A	25-04-2002	AU US WO US	1175502 A 2002058822 A1 0232850 A1 2002045767 A1	29-04-2002 16-05-2002 25-04-2002 18-04-2002
US 5412110	A	02-05-1995	AT AU BR CA CZ EPI HRU JP NO NZ SK TR ZA	398579 B 137492 A 4132593 A 9302763 A 2096597 A1 1082113 A 9301332 A3 0578016 A2 933079 A 931019 A1 67439 A2 105720 A 6153988 A 9304057 A1 932030 A 247636 A 9300361 A 69793 A3 27224 A	27-12-1994 15-05-1994 13-01-1994 16-02-1994 07-01-1994 16-02-1994 16-02-1994 12-01-1994 07-01-1994 30-04-1997 28-04-1995 04-01-1998 03-06-1994 28-02-1994 07-01-1994 27-04-1995 31-03-1994 11-05-1994 20-12-1993
US 4931463	A	05-06-1990	ATU ACC CSE KPIUELLCOZHTSSWSSRPPPDDKPIUELCOZHTSSWSSRPPPDDDKPIUSWSSRPPPDDDKPDDKPDDKPDDKPDDKPDDKPDDKPDDKPDDK	70061 T 583569 B2 5125985 A 1270837 A1 85108888 A ,B 262425 B2 3584829 D1 600385 A 0185359 A2 854797 A ,B, 39440 A2 58926 B1 77338 A 1728 A 855213 A ,B, 214565 A 26291 A 81748 A ,B 5175186 A 5246960 A 20385 A1 8708219 A1 9100003 A1 853048 A1 1818119 C 5029226 B 61152663 A	15-12-1991 04-05-1989 26-06-1986 26-06-1990 09-07-1986 14-03-1989 16-01-1992 22-06-1986 25-06-1986 29-09-1986 01-12-1993 15-04-1991 15-12-1986 23-06-1986 28-06-1989 10-04-1992 02-01-1986 29-12-1992 21-09-1993 05-03-1986 16-12-1987 16-06-1991 22-04-1986 27-01-1994 28-04-1993 11-07-1986

nformation on patent family members

Intertional Application No
PCT/IB2004/002305

			101/102004/002303		
Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 4931463	Α	-	KR	9508310 B1	27-07-1995
			ZA	8509575 A	27-08-1986
US 4983746	Α	08-01-1991	AT	48600 T	15-12-1989
			ΑÚ	585555 B2	22-06-1989
			AU	5125885 A	26-06-1986
			CA	1328881 C	26-04-1994
			CN	85109209 A ,B	17-09-1986
			DE	3574700 D1	18-01-1990
			DK	98792 A	05-08-1992
			DK	592585 A	22-06-1986
			EP	0189577 A2	06-08-1986
			ΙE	58917 B1	01-12-1993
			IL	92440 A	23-12-1990
			NZ	214567 A	29-01-1990
			PH	22445 A	12-09-1988
			IL	77340 A	23-12-1990
			JP	1851414 C	21-06-1994
			JP	5064953 B	16-09-1993
			JP	61152664 A	11-07-1986
			ZA	8509574 A	27-08-1986
EP 1127886	Α	29-08-2001	AT	239716 T	15-05-2003
			CA	2333192 A1	04-08-2001
			CN	1319596 A	31-10-2001
			DE	60100238 D1	12-06-2003
			DE	60100238 T2	01-04-2004
			DK	1127886 T3	01-09-2003
			EP	1127886 A1	29-08-2001
			ES	2197128 T3	01-01-2004
			JP	2001220387 A	14-08-2001
			JP	2004346078 A	09-12-2004
			US	6552204 B1	22-04-2003
US 4202824	Α	13-05-1980	JP	1379673 C	28-05-1987
			JP	54154753 A	06-12-1979
			JP	61045620 B	08-10-1986
			JP	1379674 C	28-05-1987
			JP	54154754 A	06-12-1979
			JP	61045621 B	08-10-1986
			CA	1133921 A1	19-10-1982
			CA	1155862 A2	25-10-1983
			DE	2920890 A1	29-11-1979
			FR	2426679 A1	21-12-1979
			GB	2023604 A ,B	03-01-1980